

10/070666

JC19 Rec'd PCT/PTO 08 MAR 2002

Attorney Docket No. 005430.00002

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)	BOX PCT
)	
Matthias RÜSING, et al.)	National Phase Application
)	PCT/EP00/08778
Serial No. Unassigned)	Filed: September 8, 2000
)	
Filed: Concurrently Herewith)	Group Art Unit: Unassigned
)	
For: NUCLEIC ACID WHICH IS OBTAINED)	Examiner: Unassigned
FROM TETRAHYMENA AND WHICH)	
CODES FOR A DELTA-6-DESATURASE,)	
THE PRODUCTION THEREOF AND USE)	

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents, Box Patent Application
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted for consideration by the United States Patent and Trademark Office in accordance with the duty of disclosure.

Transmitted herewith is:

- ☒ [X] A PTO 1449 form
- ☐ [] A Background Art Information Paper
- ☐ [] A copy of each item of information listed on the PTO 1449 form
- ☐ [] Concise explanation of non-English language information
 - ☐ [] concise explanation of relevance:
 - ☐ [] English translation of foreign language information
 - ☐ [] English language version of foreign patent office report citing information

- ☐ English language abstract(s) of foreign patent document(s)

- ☐ This application relies, under 35 U.S.C. §120, on the earlier filing date of U.S. Application Serial No. ****, filed ***. The information identified on the attached PTO 1449 form was submitted to and/or cited by the Patent and Trademark Office in this earlier application and, therefore, copies are not required to be provided in this application.

- ☒ Copy of foreign patent office report
 - ☒ English language version of foreign patent office report

- 1. ☒ This Information Disclosure Statement is filed before the later of:
 - ☐ three months from the filing date of this national application;
 - ☒ three months from the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or
 - ☐ the mailing date of a first office action on the merits.

In accordance with 37 CFR 1.97(b), no fee is required.

- 2. ☐ This Information Disclosure Statement is filed after the events noted in paragraph 1, but before either:
 - ☐ a final action under 37 CFR 1.113, or an action that otherwise closes prosecution,
 - ☐ a Notice of Allowance under 37 CFR 1.311.

In accordance with 37 CFR 1.97(c), also enclosed is

- ☐ a fee under 37 CFR 1.17(p) for \$180.00; or
 - ☐ a certification as stated below.
- 3. ☐ This Information Disclosure Statement is filed before payment of the issue fee, but after either

- ☐ a final action under 37 CFR 1.113, or an action that otherwise closes prosecution;
- ☐ a Notice of Allowance under 37 CFR 1.311.

In accordance with 37 CFR 1.97(d), also enclosed is:

- ☐ a certification, as stated below; and
- ☐ the IDS processing fee set forth in 37 CFR 1.17(p)(1) in the amount of \$180.00.

Certification

The undersigned states:

- ☐ Each item of Information contained in this Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing date of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

TOTAL FEES: \$

- ☐ A check for the amount of the above indicated TOTAL FEES is attached.
- ☐ Please charge Deposit Account No. 19-0733 in the amount of \$.
- ☐ A check for \$ is enclosed.
- ☒ No fee is required.
- ☐ Please charge or credit Deposit Account No. 19-0733 for an deficiency or overpayment associated with this Information Disclosure Statement.

A duplicate copy of this sheet is enclosed for accounting purposes.

Attorney Docket No. 005430.00002

It is respectfully requested that the Examiner fully consider each item of information, initial the enclosed Form PTO-1449 in the appropriate place to indicate that the information has been considered, and return a copy of the initialed form to the undersigned in accordance with MPEP Section 609.

Respectfully submitted,

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Dated: March 8, 2002

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USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE CITATION Sheet 1 of 1		Attorney Docket No. 005430.00002		International Serial No. PCT/EP00/08778			
		Applicant(s): Matthias RÜSING, et al.					
		International Filing Date: September 8, 2000		Group: Unassigned			
U.S. PATENT DOCUMENTS							
Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
	BERTRAM, J., et al.: "ISOLATION OF A STEROYL COENZYME DESATURASE FROM TETRAHYMENA THERMOPHILA", JOURNAL OF PROTOZOOLOGY, vol. 28, No. 1, 1981, pp. 127-131 XP002152567						
	KOLL, M., et al.: "THE EFFECT OF DIETARY STEROL ON THE ACTIVITY OF FATTY ACID DESATURASES ISOLATED FROM TETRAHYMENA-SETOSA", JOURNAL OF PROTOZOOLOGY, vol. 37, No. 3, 1990, pp. 229-237, XP-002152568						
	FUJIWARA, Y., et al.: "CYTOPLASMIC LOCATION OF LINOLEOYL-COENZYME DESATURASE IN MICROSOMAL MEMBRANES OF RAT LIVER", ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol. 233, No. 2, 1984, pp. 402-407, XP002152569						
	NAPIER, et al.: "IDENTIFICATION OF CAENORHABDITIS ELEGANS DELTA6-FATTY-ACID-DESATURASE BY HETEROLOGOS EXPRESSION IN SACCHAROMYCES CEREVISIAE", BIOCHEMICAL JOURNAL, GB, PORTLAND PRESS, LONDON, vol. 330 No. 2, March 1998, pp. 611-614, XP002099453						
	DATABASE GENBANK Accession No. AF031477 May 2, 1998, "CAENORHABDITIS ELEGANS DELTA6-FATTY-ACID-DESATURASE mRNA, complete cds"						
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							
**Copies of references not provided at the time of this submission.							